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NORTH CENTRAL FOREST EXPERIMENT STATION, FOREST SERVICE—U.S. DEPARTMENT OF AGRICULTURE

Folwell Avenue, St. Paul, Minnesota 55101

1975

PULPWOOD PRODUCTION IN THE LAKE STATES BY COUNTY, 1974

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ABSTRACT.--This 29th annual report shows 1974 pulpwood production by county and species group in Michigan, Minnesota, and Wisconsin. Production in these three Lake States climbed to 5.5 million cords in 1974 from 4.7 million cords in 1973.

OXFORD: 861.0(77):792. KEY WORDS: residue, Minnesota, Wisconsin, Michigan.

Lake States pulpwood production rose to 5.47 million cords in 1974 from 4.72 million cords in 1973 (table 1). Production climbed 294,000 cords in Wisconsin, 257,000 cords in Michigan, and 201,000 cords in Minnesota.

About 91 out of every 100 cords were harvested by Lake States loggers; the remainder was mill residue, such as slabs, edgings, veneer cores, and chips from these materials.

Most (93 percent) of the increase in output was roundwood or chips from roundwood. All species groups, except spruce, contributed to the larger harvest. Principal increases were in aspen (+271,000 cords), pine (+149,000 cords), and the "miscellaneous hardwoods"[1] (+165,000 cords).

For the first time, oak and maple are shown separately in the table. Both are important pulpwood species groups that have been growing in use. Together they account for 11 percent of the 1974 Lake States pulpwood output.

Major production gains occurred in all northern areas of the Lake States and in central Wisconsin. Top-yielding counties were Marquette, Iron, and Dickinson in Michigan; St. Louis, Koochiching, and Itasca in Minnesota; and Oneida, Price, and Lincoln in Wisconsin.

Pulpmills using Lake States timber in 1974 reported their pulpwood receipts by State, county, and species groups. Their cooperation is gratefully acknowledged. Thanks are also due to Al Boelter, Michigan Department of Natural Resources, for collecting the data from pulpmills in Michigan.

[1]Includes maple, oak and "other hardwoods" as shown in table 1.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1974
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
MICHIGAN

UNIT AND COUNTY 1/	ALL SPECIES	PINE	SPRUCE	BALSAM FIR	HEMLOCK	TAMARACK	CEDAR	ASPEN	BIRCH	OAK	MAPLE	OTHER HDWDS.	RESIDUES 2/
E. UPPER PENINSULA													
ALGER	491	100	7	17	14	X	2	79	35	1	105	131	
CHIPPEWA	449	206	22	46	24	3	8	72	12	X	21	35	
DELTA	950	202	39	97	22	1	3	309	51	1	94	131	
LUCE	668	211	33	55	18	1	3	109	38	1	86	113	
MACKINAC	257	22	17	30	6	X	2	63	23	X	40	54	
MENOMINEE	843	8	42	94	20	2	1	431	35	1	99	110	
SCHOOLCRAFT	645	125	28	61	31	2	6	125	45	1	96	125	
TOTAL	4464	874	188	400	135	9	25	1188	239	5	541	699	361
W. UPPER PENINSULA													
BARAGA	808	40	12	23	70	1	4	345	54	4	201	54	
DICKINSON	1051	32	31	38	10	3	1	687	57	7	126	59	
GOGEBIC	732	7	8	19	101	X	X	369	50	X	129	49	
HOUGHTON	393	35	8	24	89	1	5	173	12	X	37	9	
IRON	1081	42	82	135	24	1	1	510	32	1	183	70	
KEWEENAW	63	0	1	1	4	0	0	34	9	X	9	5	
MARQUETTE	1314	200	56	71	65	2	9	558	66	11	211	65	
ONTONAGON	624	X	5	6	26	0	X	266	78	X	199	44	
TOTAL	6915	356	203	317	389	8	20	2942	358	23	1095	355	849
N. LOWER PENINSULA													
ALCONA	494	43	X	3	0	0	0	312	30	60	26	20	
ALPENA	177	43	1	6	0	0	0	56	19	14	26	12	
ANTRIM	1	0	0	0	0	0	0	1	0	X	0	0	
ARENAC	1	0	0	0	0	0	0	1	X	0	X	X	
BENZIE	207	0	0	0	0	0	0	135	7	33	24	8	
CHEBOYGAN	164	22	X	1	0	0	0	91	26	3	15	6	
CLARE	260	16	0	0	0	0	0	198	8	32	6	0	
CRAWFORD	108	79	0	0	0	0	0	20	1	2	1	5	
GLADWIN	130	0	0	0	0	0	0	83	14	13	4	16	
GRAND TRAVERSE	138	6	0	0	0	0	0	83	11	17	16	5	
IOSCO	181	170	0	1	0	0	0	7	1	1	0	1	
ISABELLA	20	0	0	0	0	0	0	8	1	10	1	X	
KALKASKA	128	26	0	0	0	0	0	71	3	21	6	1	
LAKE	403	106	0	0	0	0	0	134	3	122	25	13	
LEELANAU	21	0	0	0	0	0	0	19	1	X	1	X	
MANISTEE	341	83	0	0	0	0	0	147	6	57	32	16	
MASON	187	3	0	0	0	0	0	104	7	45	19	9	
MECOSTA	187	19	0	0	0	0	0	142	1	22	3	X	
MIDLAND	2	0	0	0	0	0	0	2	X	X	X	0	
MISSAUKEE	145	6	0	0	0	0	0	108	9	13	7	2	
MONTMORENCY	459	143	1	4	0	0	0	182	25	60	29	15	
NEWAYGO	269	38	0	0	0	0	0	107	1	108	14	1	
OCEANA	77	18	0	0	0	0	0	34	X	23	2	X	
OGEMAW	51	0	0	0	0	0	0	41	4	3	2	1	
OSCEOLA	203	1	0	0	0	0	0	135	5	30	31	1	
OSCODA	670	176	2	6	0	0	0	305	30	110	31	10	
OTSEGO	25	21	0	0	0	0	0	2	1	0	1	0	
PRESQUE ISLE	225	48	1	8	X	0	0	112	25	7	16	8	
ROSCOMMON	349	107	0	0	0	0	0	127	8	100	6	1	
WEXFORD	199	93	0	0	0	0	0	57	6	33	9	1	
TOTAL	6145	1267	5	29	0	0	0	2824	253	939	353	152	323
S. LOWER PENINSULA													
ALLEGAN	24	2	0	0	0	0	0	11	X	7	4	X	
CASS	5	5	0	0	0	0	0	0	0	0	0	0	
GRATIOT	17	0	0	0	0	0	0	12	X	5	X	X	
IONIA	2	0	0	0	0	0	0	2	0	0	0	0	
KALAMAZOO	5	0	0	0	0	0	0	2	0	X	3	0	
KENT	2	X	0	0	0	0	0	1	X	1	X	X	
MONTCALM	117	X	0	0	0	0	0	77	1	35	4	X	
MUSKEGON	74	61	0	0	0	0	0	3	X	9	1	X	
OTTAWA	30	24	0	0	0	0	0	X	X	6	X	X	
ST. JOSEPH	0	0	0	0	0	0	0	X	0	0	0	0	
VAN BUREN	2	0	0	0	0	0	0	2	0	X	X	0	
TOTAL	698	92	0	0	0	0	0	110	1	63	12	0	420
STATE TOTAL	18422	2589	396	746	524	17	45	7064	851	1030	2001	1206	1953

(CONTINUED ON NEXT PAGE)

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1974.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
X=LESS THAN 50 CORDS.

TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1974
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
MINNESOTA

UNIT AND COUNTY 1/	ALL SPECIES	PINE	SPRUCE	BALSAM FIR	HEMLOCK	TAMARACK	CEDAR	ASPEN	BIRCH	OAK	MAPLE	OTHER HDWDS.	RESIDUES 2/
NORTHERN ASPEN-BIRCH													
CARLTON	290	22	3	4	0	1	0	224	36	0	X	0	
COOK	287	29	146	32	0	0	0	80	X	0	X	0	
KOOCHICHING	3568	207	764	288	0	193	0	1935	12	6	X	163	
LAKE	715	243	233	35	0	1	0	168	35	0	0	0	
ST.LOUIS	3826	885	391	158	0	52	0	2197	72	X	1	70	
TOTAL	9168	1386	1537	517	0	247	0	4604	155	6	1	233	482
NORTHERN PINE													
AITKIN	417	7	11	10	0	46	0	293	34	16	X	X	
BECKER	40	20	1	4	0	4	0	11	X	X	X	X	
BELTRAMI	991	141	90	121	0	17	0	544	67	1	5	5	
CASS	620	181	15	25	0	4	0	353	40	X	1	1	
CLEARWATER	306	81	19	16	0	35	0	144	11	0	1	1	
CROW WING	245	101	X	1	0	0	0	116	14	12	X	1	
HUBBARD	510	130	4	6	0	4	0	361	5	X	X	X	
ITASCA	1570	127	200	220	0	56	0	889	65	X	3	10	
LAKE OF THE WOODS	235	49	130	3	0	3	0	48	0	0	0	2	
MAHNOMEN	5	2	0	0	0	X	0	3	0	0	0	0	
ROSEAU	176	84	43	X	0	8	0	41	0	0	0	0	
WADENA	85	62	X	0	0	0	0	20	3	0	0	0	
TOTAL	5636	985	511	406	0	177	0	2823	239	29	10	20	436
CENTRAL HARDWOOD													
BENTON	2	0	0	0	0	0	0	2	0	0	0	0	
ISANTI	5	0	0	0	0	0	0	5	0	0	0	0	
KANABEC	73	0	0	0	0	0	0	59	7	7	0	0	
MILLE LACS	180	0	0	0	0	X	0	156	17	7	0	0	
MORRISON	287	10	0	0	0	0	0	257	13	7	0	0	
OTTERTAIL	0	0	0	0	0	X	0	0	0	0	0	0	
PINE	158	11	1	0	0	X	0	135	8	3	0	0	
WABASHA	12	0	0	0	0	0	0	0	0	3	0	9	
WINONA	28	0	0	0	0	0	0	0	0	7	0	21	
TOTAL	935	21	1	0	0	0	0	614	45	34	0	30	190
PRAIRIE													
NORMAN	0	X	0	0	0	0	0	0	0	0	0	0	
POLK	25	2	16	0	0	7	0	0	X	0	0	X	
TOTAL	33	2	16	0	0	7	0	0	0	0	0	0	8
STATE TOTAL	15772	2394	2065	923	0	431	0	8041	439	69	11	283	1116

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TABLE 1.--LAKE STATES PULPWOOD PRODUCTION BY COUNTY AND SPECIES, 1974
(HUNDRED STANDARD CORDS, ROUGHWOOD BASIS)
WISCONSIN

UNIT AND COUNTY 1/	ALL SPECIES	PINE	SPRUCE	BALSAM FIR	HEMLOCK	TAMARACK	CEDAR	ASPEN	BIRCH	OAK	MAPLE	OTHER HDWDS.	2/ RESIDUES
NORTHEASTERN													
FLORENCE	548	40	7	21	7	X	X	351	15	2	63	42	
FOREST	881	57	19	93	42	2	2	392	29	1	138	106	
LANGLADE	835	13	3	25	11	1	0	512	15	5	128	122	
LINCOLN	1163	81	5	31	16	2	0	624	38	10	174	182	
MARINETTE	761	93	26	69	9	1	X	399	13	9	60	82	
OCONTO	410	75	2	5	11	X	X	274	11	1	20	11	
ONEIDA	1739	151	56	174	33	2	0	902	112	42	172	95	
SHAWANO 3/	430	11	2	3	167	0	0	26	3	1	25	192	
VILAS	843	100	15	71	21	0	0	355	138	13	105	25	
TOTAL	8461	621	135	492	317	8	2	3835	374	84	885	857	851
NORTHWESTERN													
ASHLAND	915	61	25	150	12	0	0	363	60	8	142	94	
BARRON	23	X	0	0	0	0	0	16	1	1	3	2	
BAYFIELD	1036	213	2	29	1	0	0	574	130	11	46	30	
BURNETT	264	191	X	X	0	2	0	66	1	1	2	1	
DOUGLAS	578	227	X	1	0	X	0	317	17	1	8	7	
IRON	518	6	3	27	22	0	0	330	44	3	48	35	
POLK	41	39	0	0	0	X	0	2	X	X	X	X	
PRICE	1255	50	18	97	15	3	0	630	152	9	155	126	
RUSK	235	1	X	X	9	0	0	126	15	4	42	38	
SAWYER	736	59	8	33	3	X	0	359	92	18	86	72	
TAYLOR	773	14	1	15	29	X	0	288	60	19	164	183	
WASHBURN	547	136	0	0	0	0	0	352	14	6	21	18	
TOTAL	7308	997	57	352	91	5	0	3423	586	81	717	606	393
CENTRAL													
ADAMS	429	259	0	0	0	X	0	13	2	131	12	12	
CHIPPEWA	105	4	0	1	2	X	0	56	8	6	11	17	
CLARK	361	38	0	0	X	0	0	58	6	126	73	60	
EAU CLAIRE	54	49	0	0	0	0	0	5	0	0	0	0	
JACKSON	288	209	0	0	0	0	0	25	2	36	8	8	
JUNEAU	332	175	X	0	0	X	0	63	0	67	13	14	
MARATHON	899	21	X	6	26	0	0	306	28	62	200	250	
MARQUETTE	84	15	0	0	0	0	0	1	X	34	13	21	
MONROE	51	35	0	0	0	0	0	6	1	5	2	2	
PORTAGE	250	66	X	1	3	X	0	58	3	57	28	34	
WAUPACA	104	10	0	X	X	X	0	69	X	5	9	11	
WAUSHARA	75	55	0	0	0	X	0	1	X	7	5	7	
WOOD	760	312	X	X	X	1	0	48	5	232	81	81	
TOTAL	4134	1248	0	8	31	1	0	709	55	768	455	517	342
SOUTHWESTERN													
CRAWFORD	0	0	0	0	0	0	0	X	0	0	0	0	
DUNN	5	5	0	0	0	0	0	0	X	0	X	X	
GRANT	34	0	0	0	0	0	0	5	3	19	3	4	
IOWA	1	1	0	0	0	0	0	0	0	0	0	0	
LACROSSE	6	6	0	0	0	0	0	0	0	X	0	0	
PEPIN	2	2	0	0	0	0	0	0	0	0	0	0	
RICHLAND	1	1	0	0	0	0	0	0	0	0	0	0	
ST.CROIX	0	X	0	0	0	0	0	0	0	0	0	0	
SAUK	8	4	0	0	0	0	0	0	X	4	X	X	
TREMPEALEAU	1	1	0	0	0	0	0	0	0	X	0	0	
VERNON	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	376	20	0	0	0	0	0	5	3	23	3	4	318
SOUTHEASTERN													
BROWN	5	4	0	0	0	0	0	1	0	0	0	0	
COLUMBIA	48	19	0	0	0	0	0	0	X	19	2	8	
DANE	1	0	X	0	0	0	0	0	X	X	X	1	
FOND DU LAC	0	0	0	0	0	0	0	X	0	0	0	0	
GREEN LAKE	3	1	0	0	0	0	0	X	X	0	1	1	
MILWAUKEE	15	0	0	0	0	0	0	0	0	0	0	15	
OUTAGAMIE	8	1	0	0	7	0	0	X	X	0	X	X	
WASHINGTON	7	0	0	0	0	0	0	0	X	X	2	5	
WINNEBAGO	0	0	0	0	0	0	0	X	0	0	0	0	
TOTAL	249	25	0	0	7	0	0	1	0	19	5	30	162
STATE TOTAL	20528	2911	192	852	446	14	2	7973	1018	975	2065	2014	2066

1/ INCLUDES ONLY THOSE COUNTIES THAT SUPPLIED PULPWOOD IN 1974.
2/ COUNTY FIGURES ARE NOT AVAILABLE.
3/ INCLUDES MENOMINEE COUNTY.
X=LESS THAN 50 CORDS.